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PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2151851-1	D	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2151851-2	D	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
7-2151851-1	D	MECHANICAL AND CRIMP TOOLING KIT	MECHANICAL
7-2151851-2	D	PNEUMATIC AND CRIMP TOOLING KIT	PNEUMATIC
7-2151851-7	C	CRIMP TOOLING KIT	-

APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	1.07 mm [.042]	F
INSUL	1.50 mm [.059]	F
APPLICATOR INSTRUCTIONS 408-35042		

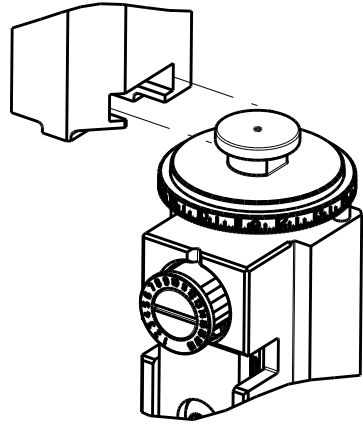
TERMINAL DATA: HIROSE TERMINAL		HIROSE CRIMP SPECIFICATION	
TERMINAL NAME: HIROSE SMALL TERMINAL			
WIRE STRIP LENGTH 1.80-2.30 mm [.071-.091 IN]		INSULATION DIAMETER RANGE Ø0.75-1.45 mm [.030-.057 IN]	
TERMINAL APPLICATION SPECIFICATION		TAD-P-0506 Rev 2	
			
TERMINALS APPLIED			
TE TERMINAL	HIROSE TERMINAL	TE TERMINAL	HIROSE TERMINAL
286772-1	DF3-2428-SCF	286772-2	DF3-2428SCFC

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
24 AWG	0.70+/-0.04 [.028+/- .002]	10.1
26 AWG	0.64+/-0.04 [.025+/- .002]	10.8
28 AWG	0.60+/-0.04 [.024+/- .002]	11.2



- 1 RECOMMENDED SPARE PARTS
- 2 REFER TO SUPPLIED INSTRUCTION SHEET FOR CLEANING, LUBRICATION AND STORAGE OF APPLICATOR.
- 3 APPLY PART NUMBER 2-23419-6 LOCTITE TO THREADS OF ITEM 242.
- 4 CRIMP HEIGHT REFERENCE SETTING WAS THE SETTING USED WHEN THE APPLICATOR WAS QUALIFIED AT THE FACTORY. ADJUSTMENT MAY BE NECESSARY WHEN RUNNING APPLICATOR IN THE FIELD.
5. UNLESS SPECIFIED OTHERWISE TORQUE VALUES SHALL BE USED PER DOCUMENT, 101-35000.

ATLANTIC VERSION TERMINATOR INTERFACE ADAPTER



*WARNING
ON INSTALLATION, SET WIRE DISC TO CRIMP HEIGHT REFERENCE SETTING FOR LARGEST WIRE SIZE. CRIMP HEIGHT REFERENCE SETTINGS GREATER THAN THE VALUE SHOWN MAY CAUSE DAMAGE TO THE CRIMP TOOLING, REFER TO THE INSTRUCTION SHEET FOR PROPER SETUP AND ADJUSTMENTS.

ATLANTIC VERSION
Shown on sheets 1 of 4 & 2 of 4
(Pacific version shown on sheets 3 of 4 & 4 of 4)

LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	DWN
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		D		ECR-18-011524	19JUL2018	MZ

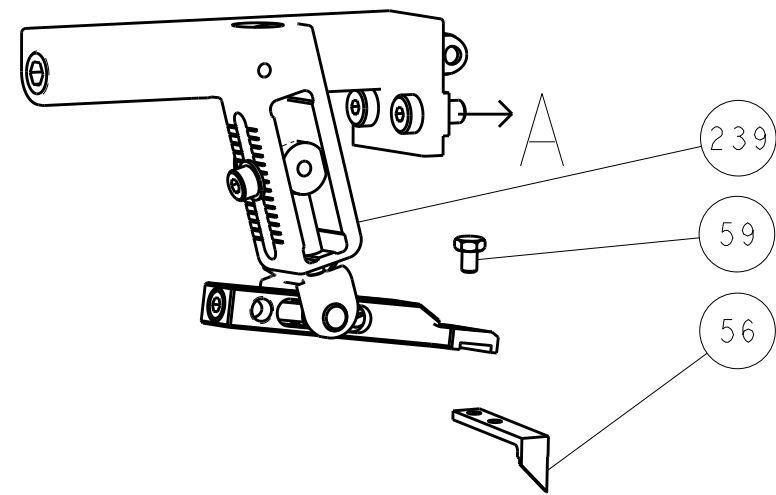
-	1	-	1	-	2119640-1	PUSH ROD, AIR FEED	250
-	1	-	1	-	1803259-1	BUSHING, FLANGED	249
-	1	-	1	-	2119641-1	FEED CAM, AIR FEED	248
-	1	1	1	1	2119082-8	CAM, SNAIL, INSULATION ADJUSTMENT	244
-	1	1	1	1	2079764-1	WASHER, WAVE SPRING, CREST-TO-CREST	243
-	1	1	1	1	2119083-1	RETAINER, INSULATION DIAL	242
-	1	1	1	1	7-18023-7	SCR, SKT HD CAP M3 X 4.0	241
-	-	1	-	1	2119580-1	MECHANICAL FEED ASSEMBLY	239
-	1	-	1	-	2063440-1	AIR FEED MODULE	238
-	2	-	2	-	21045-3	RING, RETAIN, EXTERN, 3/16 CRESCENT	172
-	REF	REF	REF	REF	994970-2	COUNTER, MAGNETIC	164
-	1	-	1	-	240638-1	SPRING, FEED FINGER	163
-	1	-	1	-	3-23627-7	PIN, RETAIN, GRVD, 3/16 X .854	137
-	1	-	1	-	2119799-1	HOLDER,FEED FINGER, AF	136
-	1	1	1	1	2844908-1	SCREW, LOCKING	99
-	1	1	1	1	2844907-1	POST, LOCKING	98
-	1	1	1	1	1-455888-2	SPACER, CRIMPER	82
-	1	1	1	1	5-547505-2	SPRING, COMPRESSION	77
-	1	1	1	1	854769-4	HOLDER, INS	74
-	1	1	1	1	1803607-1	DOCUMENTATION PACKAGE	71
-	1	1	1	1	2119740-1	TAG,IDENTIFICATION	67
-	2	2	2	2	2168078-1	SCREW, DRIVE, RH, RoHS, 2 x .188	66
-	1	1	1	1	2168083-2	SCR, SKT HD CAP, RoHS, M4 X 8.0	60
-	1	1	1	1	5-18022-5	SCR, HEX HD CAP, M4 X 6.0	59
-	1	1	1	1	21028-2	PIN, SLOTTED SPRING .062 X .250	58
-	1	1	1	1	1338685-1	PAWL, FEED	56
-	4	4	4	4	2168083-3	SCR, SKT HD CAP, RoHS, M4 X 12.0	54
-	1	2	1	2	18023-9	SCR, SKT HD CAP M4 X 6.0	49
-	-	1	-	1	2119652-1	FEED CAM, PRE FEED	48
-	-	1	-	1	2119653-1	FEED CAM, POST FEED	47
-	1	1	1	1	1803583-9	APPLICATOR BASIC ASSEMBLY, SF	46
-	1	1	1	1	1803515-1	RAM ASSEMBLY, SF ATLANTIC	44
-	1	1	1	1	1803602-1	SCR, BHSC, RoHS (M8 X 25)	41
-	1	1	1	1	2-1752356-5	SUPPORT, TERMINAL	34
-	2	2	2	2	2079383-5	SCR, BHSC, RoHS (M4 X 20)	33
-	2	2	2	2	2-2844962-6	SPACER, CYLINDRICAL, STRIP GUIDE	30
-	1	1	1	1	2844992-1	ASSEMBLY, STRIP GUIDE	29
-	1	1	1	1	455888-4	SPACER, CRIMPER	28
-	1	1	1	1	1320928-2	STRIP GUIDE	24
-	1	1	1	1	2168083-2	SCR, SKT HD CAP, RoHS, M4 X 8.0	21
-	2	2	2	2	1-18028-2	WASHER, FLAT, REG M4	20
-	1	1	1	1	2119533-1	STRIPPER, SIDE FEED	19
-	1	1	1	1	2119806-1	INSERT, SHEAR	13
-	1	1	1	1	3-22280-3	SPRING, COMPRESSION	12
-	1	1	1	1	1-356885-4	STOP, SHEAR	11
-	1	1	1	1	2119805-1	SHEAR HOLDER, FRONT	10
-	1	1	1	1	1633861-3	SHEAR, FLOATING	9
1	2	2	1	1	1803337-1	ANVIL, COMBINATION	8
-	-	-	-	-	-	-	7
-	-	-	-	-	-	-	6
-	1	1	1	1	2119780-6	DEPRESSOR, SHEAR	5
-	1	1	1	1	1-238011-3	BLOCK, CRIMPER SPACER	4
1	2	2	1	1	1803326-2	CRIMPER, INSULATION F	3
-	1	1	1	1	455888-3	SPACER, CRIMPER	2
1	2	2	1	1	1803323-1	CRIMPER, WIRE PREMIUM	1

1803323-1		-77	-72	-71	-2	-1	PART NO	DESCRIPTION	ITEM NO
1803323-1		Customer Accessible Production Drawing							D

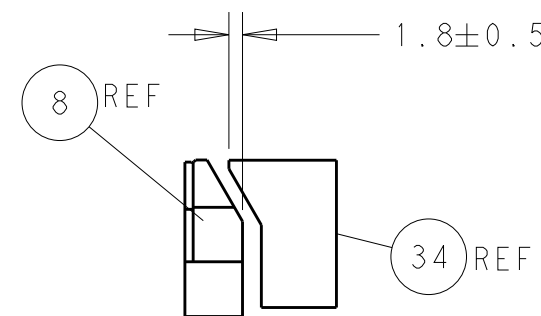
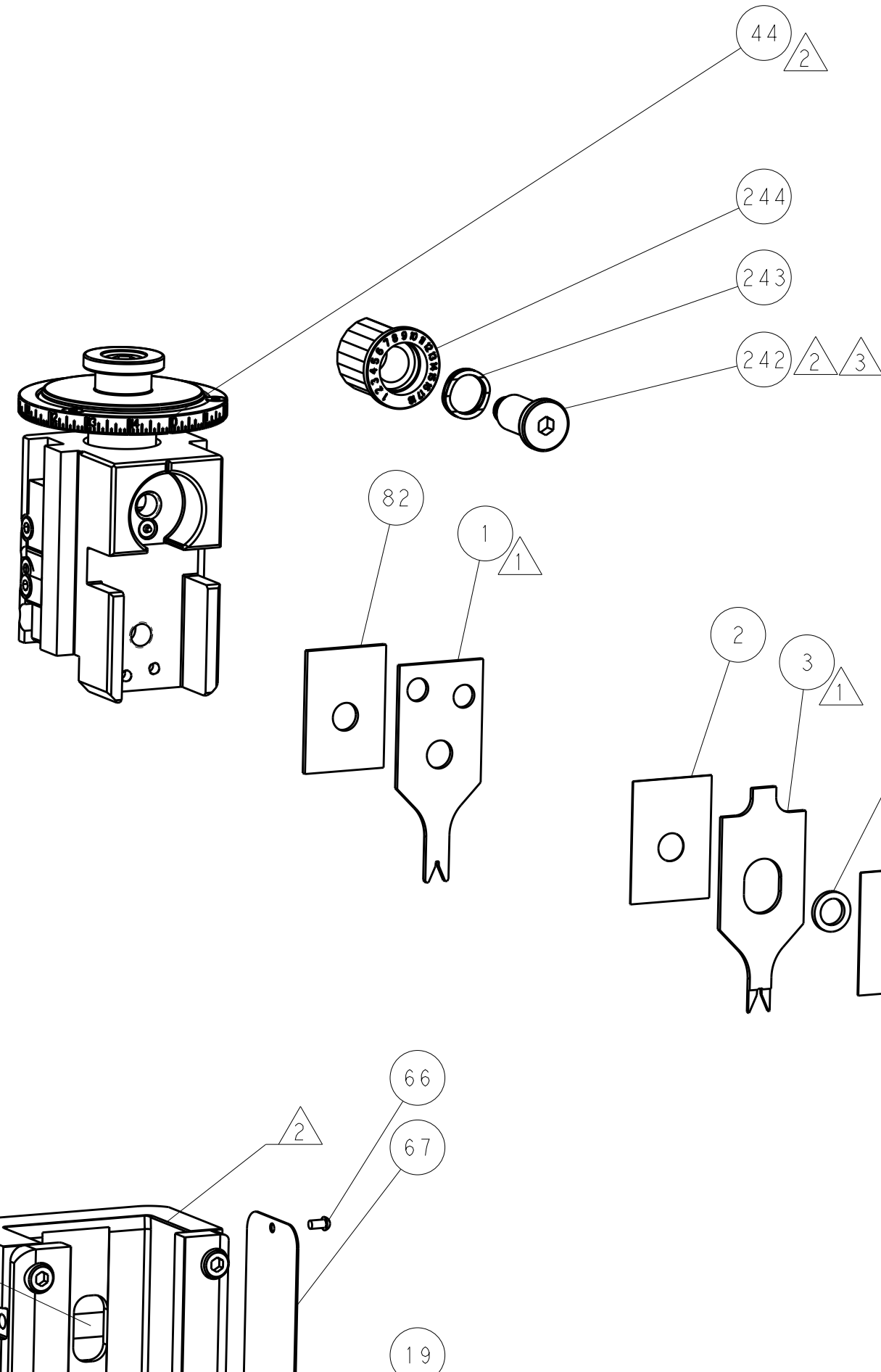
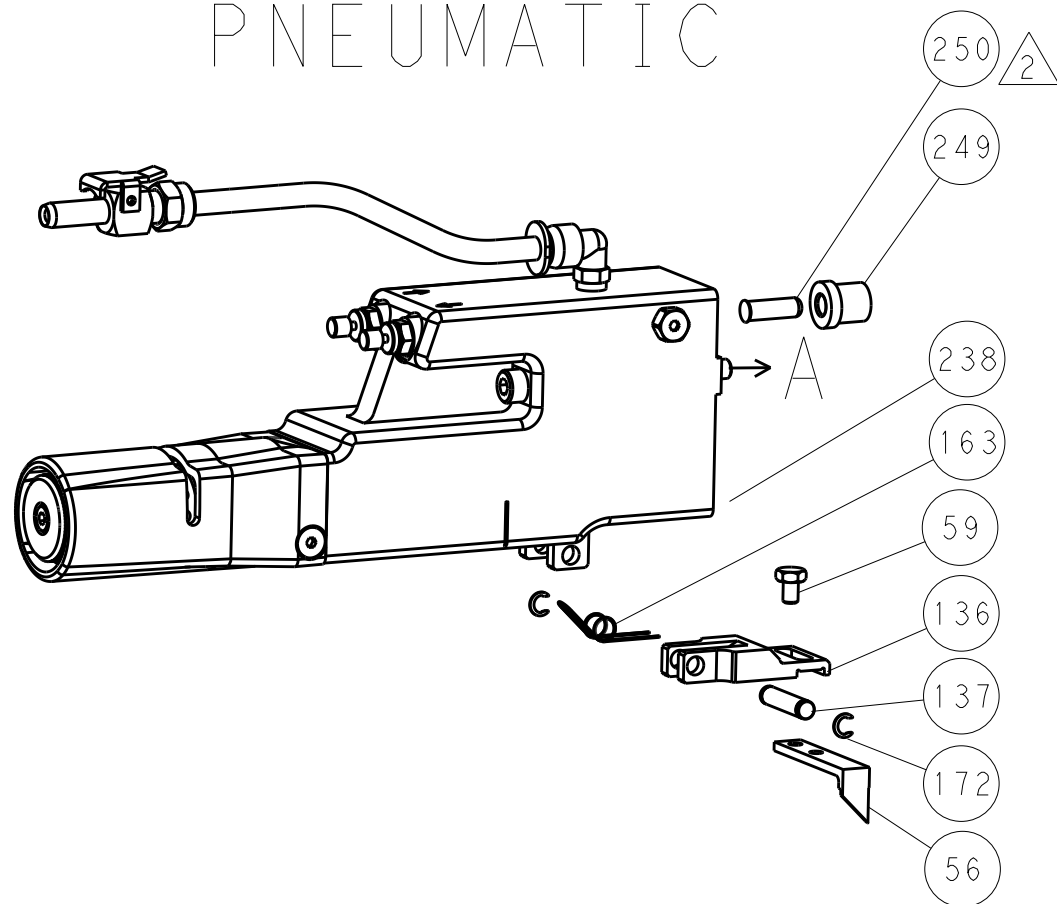
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DIMENSIONS:				CHK G.BAILEY 07JAN2013	NAME					
mm				APVD M.CLIFFORD 07JAN2013	Ocean Side Feed Applicator					
TOLERANCES UNLESS OTHERWISE SPECIFIED:				PRODUCT SPEC		SIZE		CAGE CODE	DRAWING NO	RESTRICTED TO
0 PLC ±				APPLICATION SPEC		A1		00779	C=2151851	-
1 PLC ±				WEIGHT		SCALE		1:2	SHEET	1 OF 4
2 PLC ±				FINISH		Customer Accessible Production Drawing		REV D		
3 PLC ±				MATERIAL						
4 PLC ±				MATERIAL						
ANGLES				MATERIAL						
FINISH				MATERIAL						

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
A	66	-	-	SEE SHEET 1	-	-	-

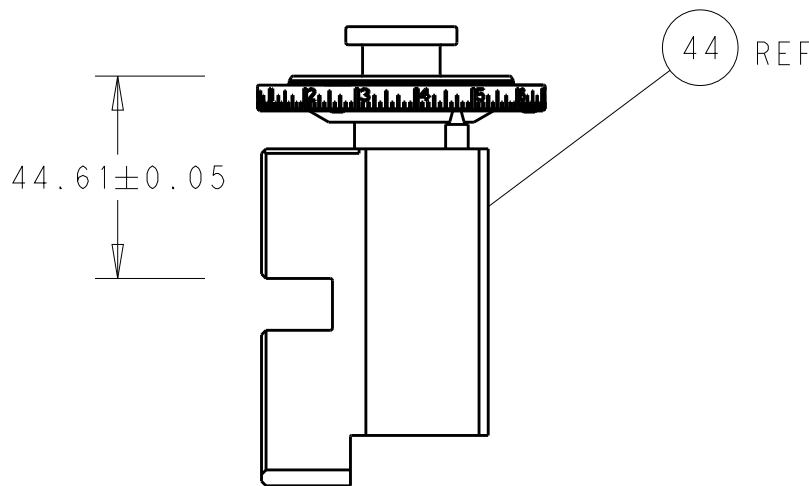
FEED TYPE
MECHANICAL



PNEUMATIC

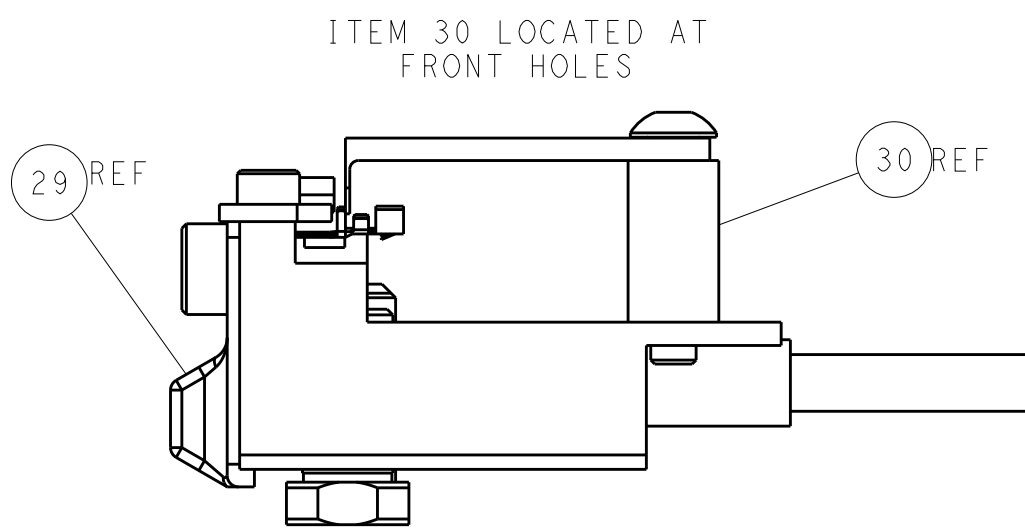
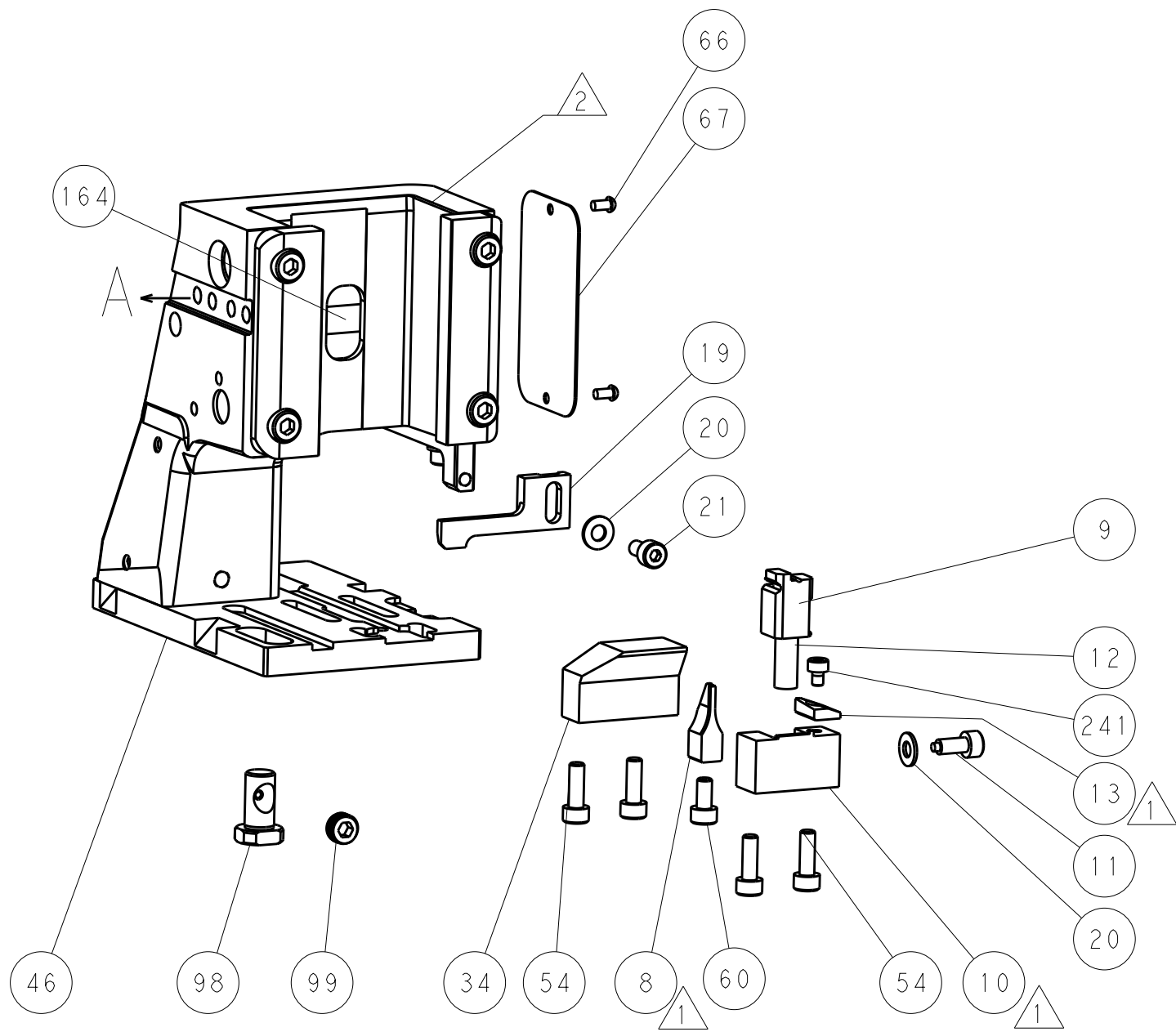
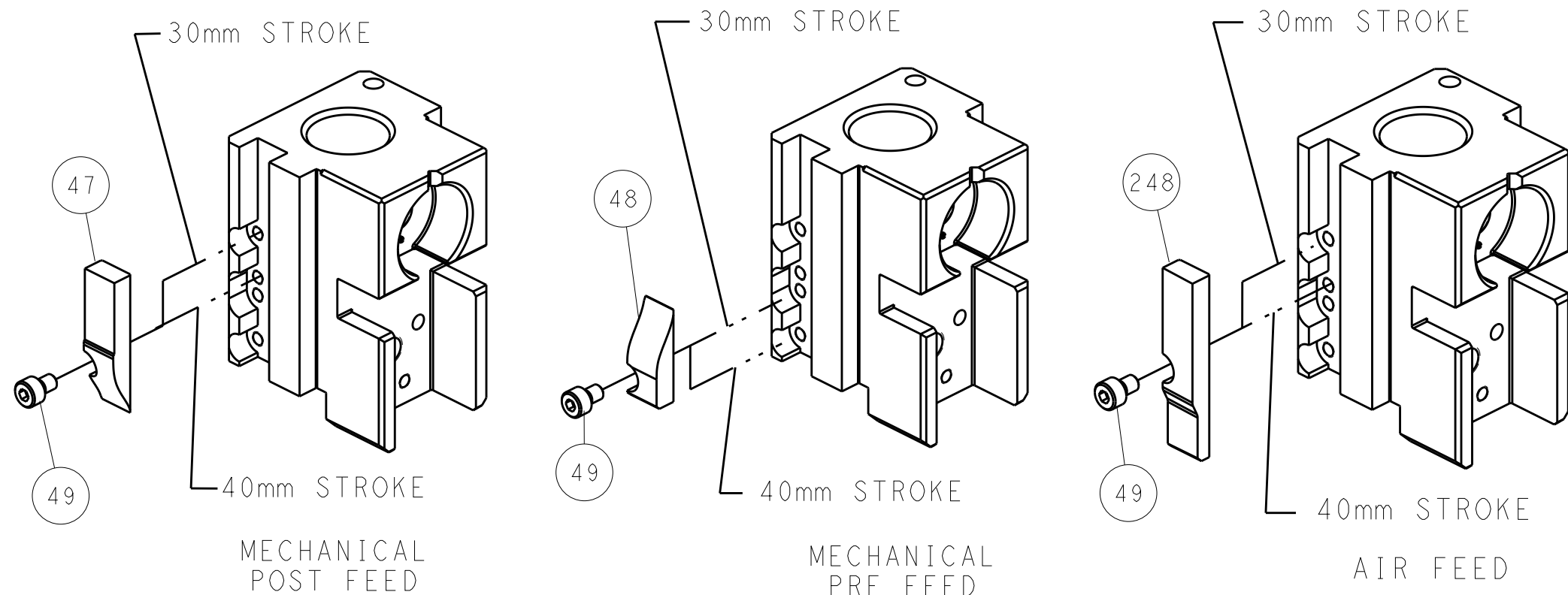


TERMINAL SUPPORT LOCATION



RAM SET-UP

CAM POSITIONS



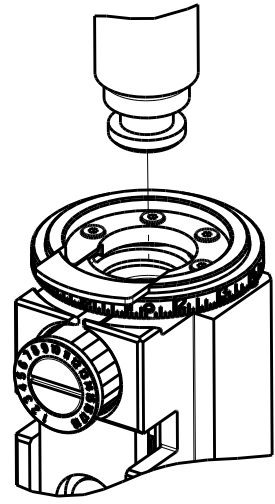
FEED TRACK POSITION
GUIDE BY INSULATION BARREL

ATLANTIC VERSION
Shown on sheets 1 of 4 & 2 of 4
(Pacific version shown on sheets 3 of 4 & 4 of 4)

DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN: BOB HIGMAN 07JAN2013		TE Connectivity	
mm		0 PLC ±.1		CHK: G.BAILEY 07JAN2013		Harrisburg, PA 17105-3608	
		1 PLC ±.1		APVD: M.CLIFFORD 07JAN2013		NAME: Ocean Side Feed Applicator	
		2 PLC ±.1		PRODUCT SPEC		SIZE: A1	
		3 PLC ±.1		APPLICATION SPEC		CAGE CODE: 00779	
		4 PLC ±.1		WEIGHT		DRAWING NO: C-2151851	
MATERIAL: -		FINISH: -		Customer Accessible Production Drawing		RESTRICTED TO: -	
				SCALE: 1:2		SHEET: 2 OF 4	
						REV: D	

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PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2-2151851-1	D	FINE CRIMP HEIGHT ADJUST	MECHANICAL
2-2151851-2	D	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
7-2151851-7	C	CRIMP TOOLING KIT	-

PACIFIC VERSION TERMINATOR
INTERFACE ADAPTER



APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	1.07 mm [.042]	F
INSUL	1.50 mm [.059]	F
APPLICATOR INSTRUCTIONS 408-35042		

TERMINAL DATA: HIROSE TERMINAL		HIROSE CRIMP SPECIFICATION	
TERMINAL NAME: HIROSE SMALL TERMINAL			
WIRE STRIP LENGTH 1.80-2.30 mm [.071-.091 IN]		INSULATION DIAMETER RANGE Ø0.75-1.45 mm [.030-.057 IN]	
TERMINAL APPLICATION SPECIFICATION TAD-P-0506 Rev 2			
TERMINALS APPLIED			
TE TERMINAL	HIROSE TERMINAL	TE TERMINAL	HIROSE TERMINAL
286772-1	DF3-2428-SCF	286772-2	DF3-2428SCFC

WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
24 AWG	0.70+/-0.04 [.028+/-0.002]	10.1
26 AWG	0.64+/-0.04 [.025+/-0.002]	10.8
28 AWG	0.60+/-0.04 [.024+/-0.002]	11.2



1. RECOMMENDED SPARE PARTS
2. REFER TO SUPPLIED INSTRUCTION SHEET FOR CLEANING, LUBRICATION AND STORAGE OF APPLICATOR.
3. APPLY PART NUMBER 2-23419-6 LOCTITE TO THREADS OF ITEM 242.
4. CRIMP HEIGHT REFERENCE SETTING WAS THE SETTING USED WHEN THE APPLICATOR WAS QUALIFIED AT THE FACTORY. ADJUSTMENT MAY BE NECESSARY WHEN RUNNING APPLICATOR IN THE FIELD.
5. UNLESS SPECIFIED OTHERWISE TORQUE VALUES SHALL BE USED PER DOCUMENT, 101-35000.

*WARNING
ON INSTALLATION, SET WIRE DISC TO CRIMP HEIGHT REFERENCE SETTING FOR LARGEST WIRE SIZE. CRIMP HEIGHT REFERENCE SETTINGS GREATER THAN THE VALUE SHOWN MAY CAUSE DAMAGE TO THE CRIMP TOOLING, REFER TO THE INSTRUCTION SHEET FOR PROPER SETUP AND ADJUSTMENTS.

PACIFIC VERSION
Shown on sheets 3 of 4 & 4 of 4
(Atlantic version shown on sheets 1 of 4 & 2 of 4)

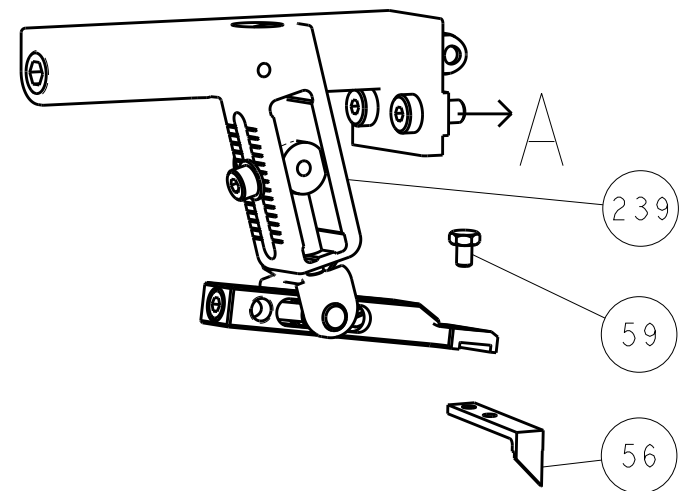
2				1			
LOC	DIST	REVISIONS					
A	66	P	LTR	DESCRIPTION	DATE	DWN	APVD
				- SEE SHEET 1	-	-	-

-	1	-	2119640-1	PUSH ROD, AIR FEED	250
-	1	-	1803259-1	BUSHING, FLANGED	249
-	1	1	2119082-8	CAM, SNAIL, INSULATION ADJUSTMENT	244
-	1	1	2079764-1	WASHER, WAVE SPRING, CREST-TO-CREST	243
-	1	1	2119083-1	RETAINER, INSULATION DIAL	242
-	1	1	7-18023-7	SCR, SKT HD CAP M3 X 4.0	241
-	-	1	2119580-1	MECHANICAL FEED ASSEMBLY	239
-	1	-	2063440-1	AIR FEED MODULE	238
-	2	-	21045-3	RING, RETAIN, EXTERN, 3/16 CRESCENT	172
-	REF	REF	994970-2	COUNTER, MAGNETIC	164
-	1	-	240638-1	SPRING, FEED FINGER	163
-	1	-	2119641-2	FEED CAM, AIR FEED	151
-	1	1	2168083-8	SCR, SKT HD CAP, RoHS, M4 X 16	144
-	4	4	2168083-9	SCR, SKT HD CAP, RoHS, M4 X 20	143
-	-	1	2119653-2	FEED CAM, POST FEED	142
-	1	1	1-1803583-0	APPLICATOR BASIC ASSEMBLY, SF	141
-	1	1	1803516-1	RAM ASSEMBLY, SF PACIFIC	140
-	1	-	3-23627-7	PIN, RETAIN, GRVD, 3/16 X .854	137
-	1	-	2119799-1	HOLDER,FEED FINGER, AF	136
-	1	1	2844908-1	SCREW, LOCKING	99
-	1	1	2844907-1	POST, LOCKING	98
-	1	1	1-455888-2	SPACER, CRIMPER	82
-	1	1	5-547505-2	SPRING, COMPRESSION	77
-	1	1	854769-4	HOLDER, INS	74
-	1	1	1803607-1	DOCUMENTATION PACKAGE	71
-	1	1	2119740-1	TAG,IDENTIFICATION	67
-	2	2	2168078-1	SCREW, DRIVE, RH, RoHS, 2 x .188	66
-	1	1	5-18022-5	SCR, HEX HD CAP, M4 X 6.0	59
-	1	1	21028-2	PIN, SLOTTED SPRING .062 X .250	58
-	1	1	1338685-1	PAWL, FEED	56
-	1	2	18023-9	SCR, SKT HD CAP M4 X 6.0	49
-	-	1	2119652-1	FEED CAM, PRE FEED	48
-	1	1	1803602-1	SCR, BHSC, RoHS (M8 X 25)	41
-	1	1	2-1752356-5	SUPPORT, TERMINAL	34
-	2	2	2079383-5	SCR, BHSC, RoHS (M4 X 20)	33
-	2	2	2-2844962-6	SPACER, CYLINDRICAL, STRIP GUIDE	30
-	1	1	2844992-1	ASSEMBLY, STRIP GUIDE	29
-	1	1	455888-4	SPACER, CRIMPER	28
-	1	1	1320928-2	STRIP GUIDE	24
-	1	1	2168083-2	SCR, SKT HD CAP, RoHS, M4 X 8.0	21
-	2	2	1-18028-2	WASHER, FLAT, REG M4	20
-	1	1	2119533-1	STRIPPER, SIDE FEED	19
-	1	1	2119806-1	INSERT, SHEAR	13
-	1	1	3-22280-3	SPRING, COMPRESSION	12
-	1	1	1-356885-4	STOP, SHEAR	11
-	1	1	2119805-1	SHEAR HOLDER, FRONT	10
-	1	1	1633861-3	SHEAR, FLOATING	9
1	1	1	1803337-1	ANVIL, COMBINATION	8
-	-	-	-	-	7
-	-	-	-	-	6
-	1	1	2119780-6	DEPRESSOR, SHEAR	5
-	1	1	1-238011-3	BLOCK, CRIMPER SPACER	4
1	1	1	1803326-2	CRIMPER, INSULATION F	3
-	1	1	455888-3	SPACER, CRIMPER	2
1	1	1	1803323-1	CRIMPER, WIRE PREMIUM	1
-77	-22	-21	PART NO	DESCRIPTION	ITEM NO

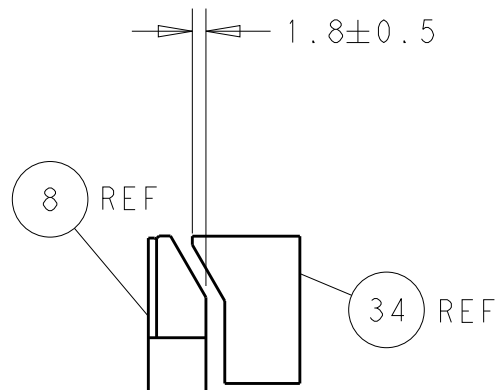
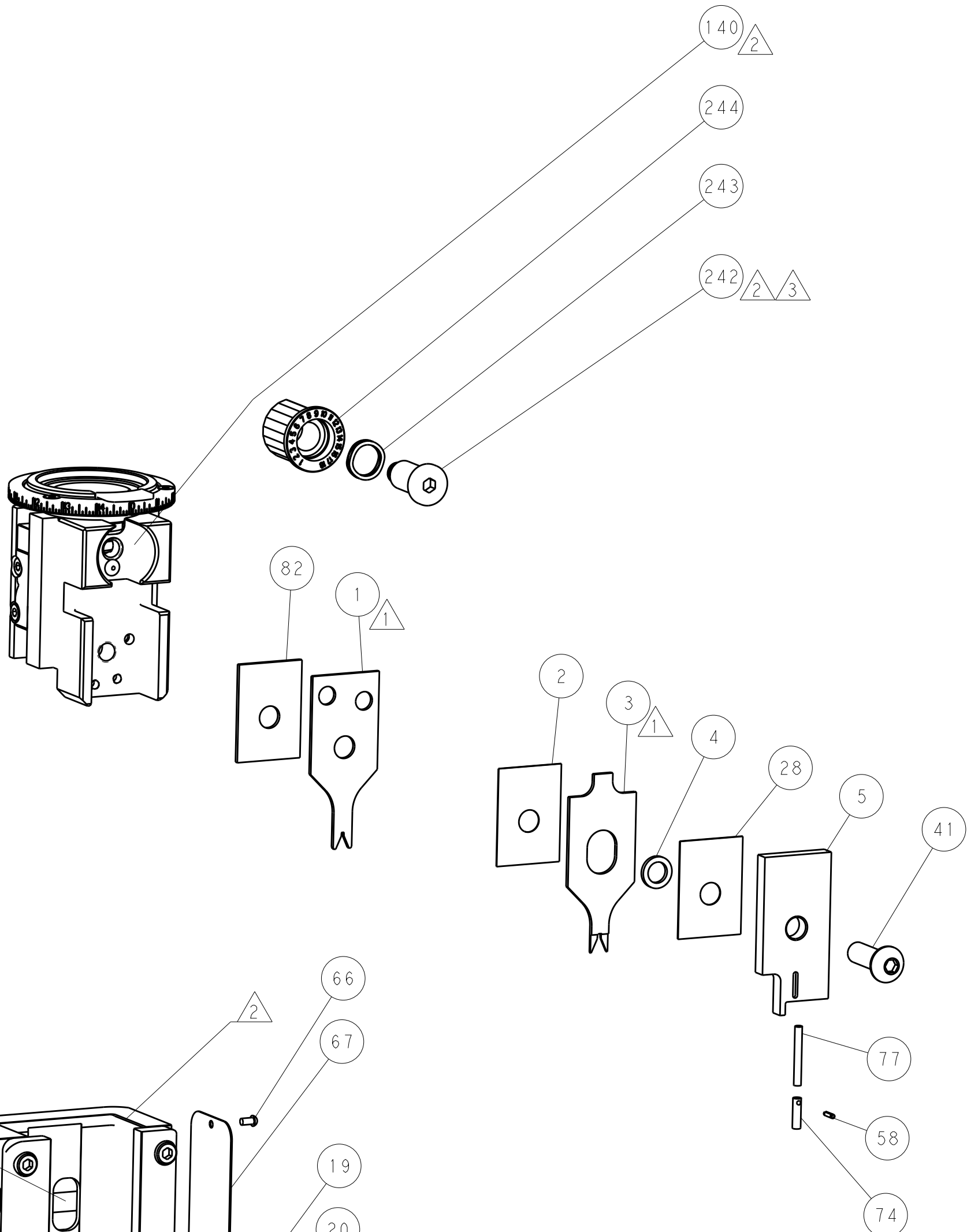
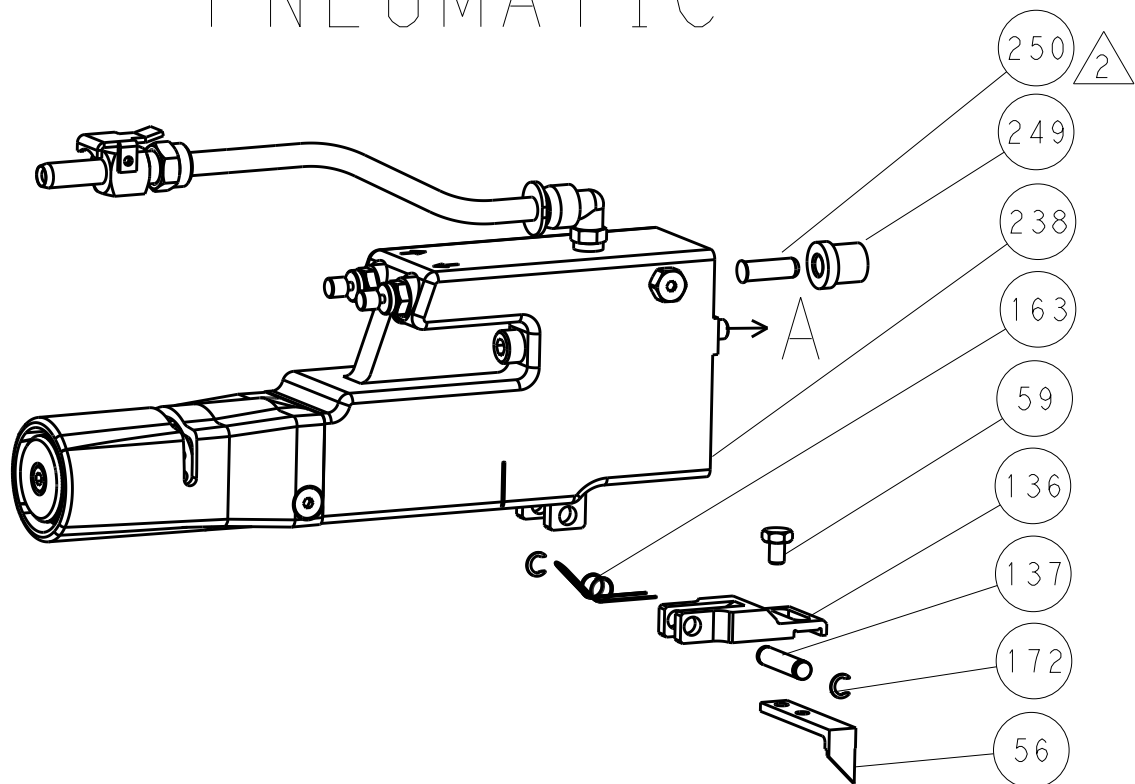
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DIMENSIONS: mm		CHK G.BAILEY 07JAN2013	NAME Ocean Side Feed Applicator	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ± FINISH		APVD M.C. LEEFORD 07JAN2013	SIZE A1	
MATERIAL -		PRODUCT SPEC -	CAGE CODE 00779	
		APPLICATION SPEC -	DRAWING NO C=2151851	
		WEIGHT -	RESTRICTED TO -	
		Customer Accessible Production Drawing	SCALE 1:2	
			SHEET 3	
			OF 4	
			REV D	

LOC		DIST		REVISIONS					
A		66		P	LTR	DESCRIPTION	DATE	DWN	APVD
				-	-	SEE SHEET 1	-	-	-

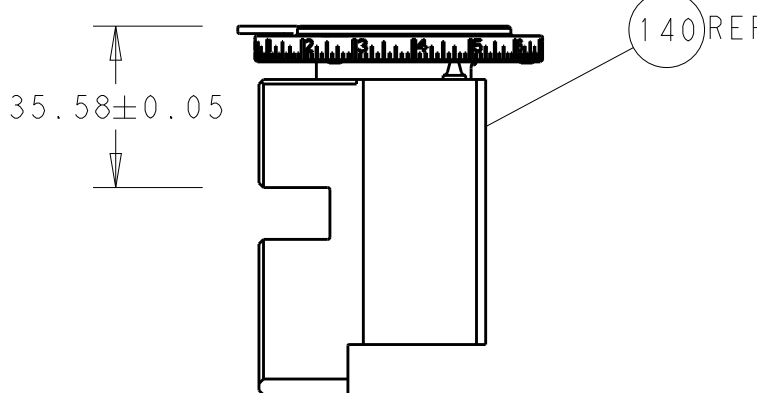
FEED TYPE MECHANICAL



PNEUMATIC

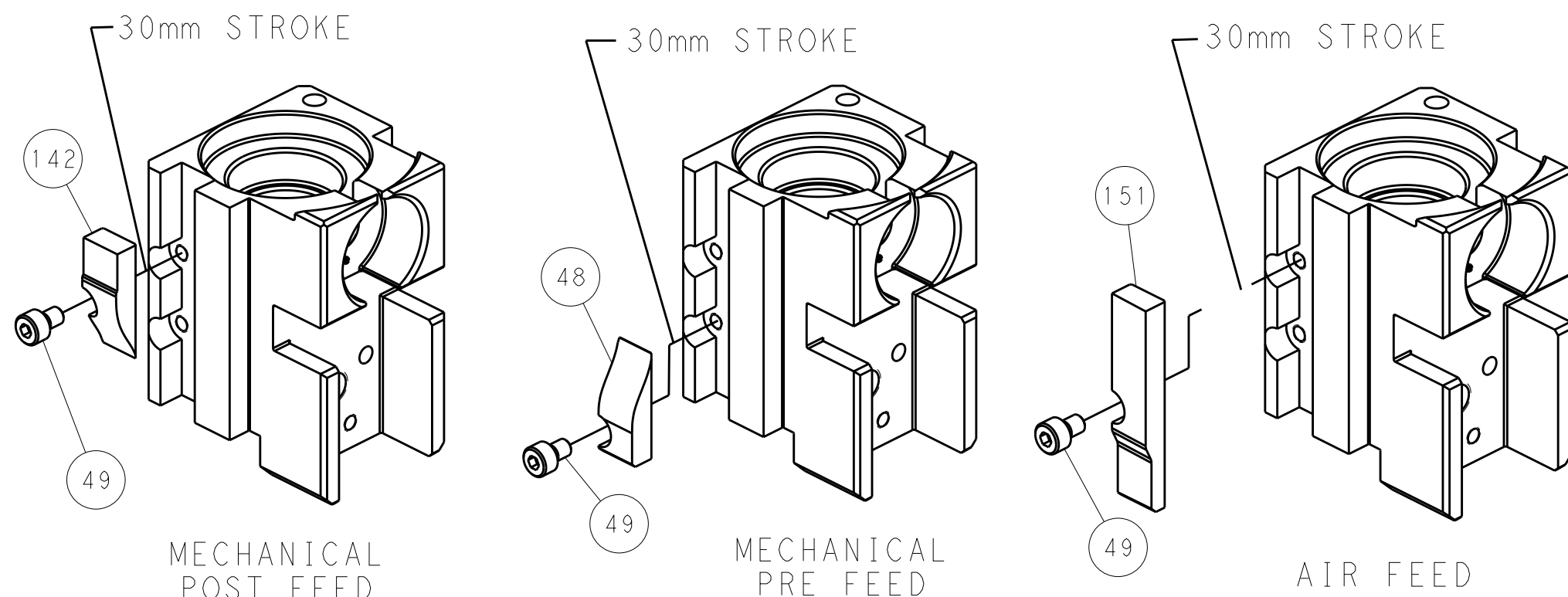


TERMINAL SUPPORT LOCATION



RAM SET-UP

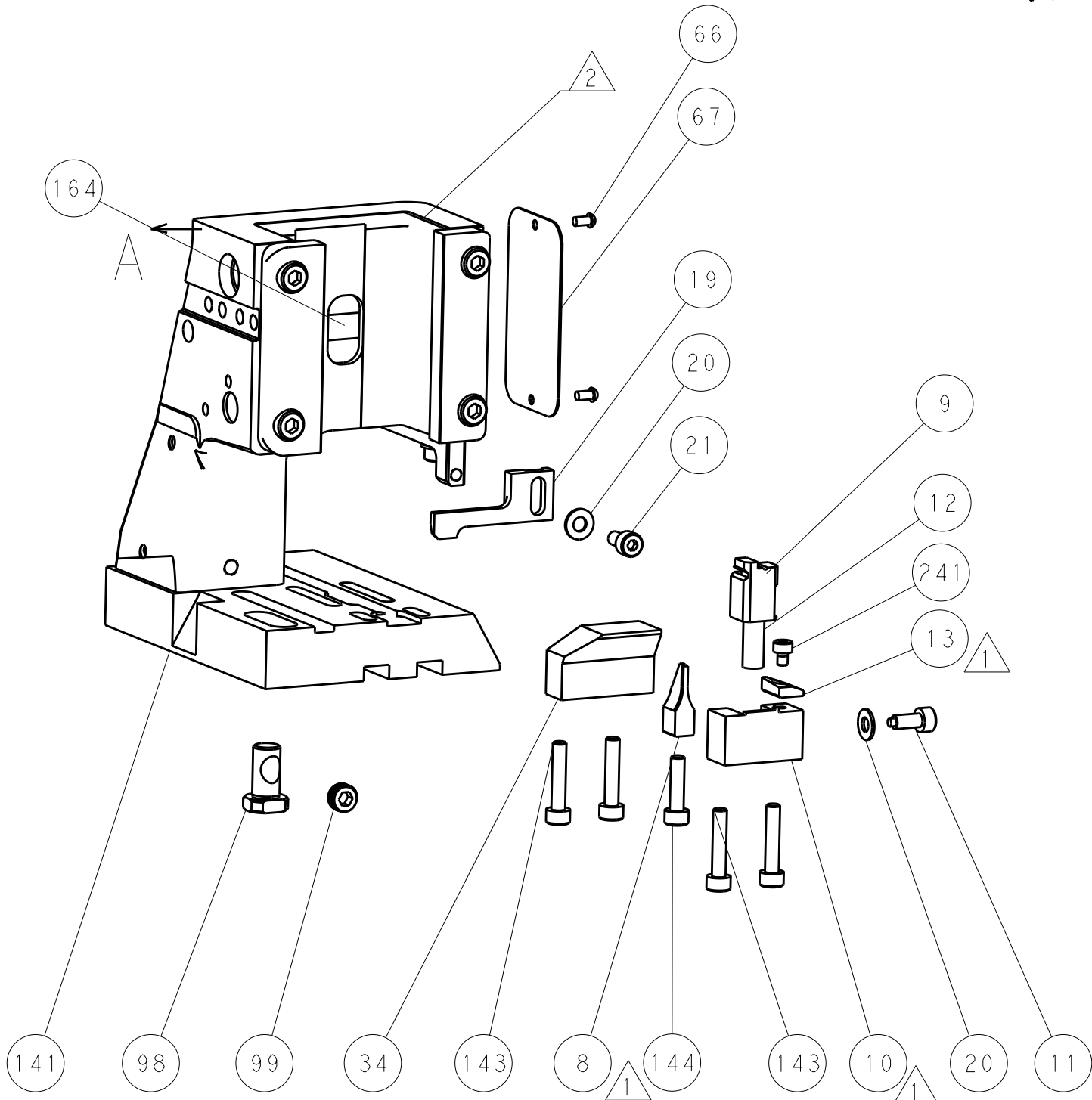
CAM POSITIONS



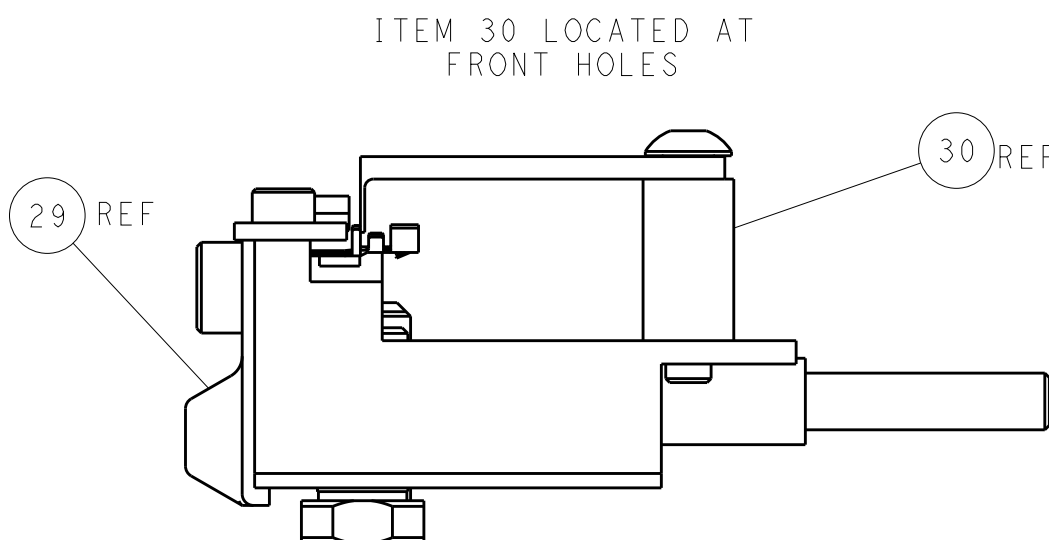
MECHANICAL
POST FEED

MECHANICAL
PRE FEED

AIR FEED



PACIFIC VERSION
Shown on sheets 3 of 4 & 4 of 4
(Atlantic version shown on sheets 1 of 4 & 2 of 4)



FEED TRACK POSITION
GUIDE BY INSULATION BARREL

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DIMENSIONS: mm		CHK G.BAILEY 07JAN2013	NAME Ocean Side Feed Applicator	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M.CLIFFORD 07JAN2013	SIZE A1	
0 PLC ±.005 1 PLC ±.005 2 PLC ±.005 3 PLC ±.005 4 PLC ±.005 ANGLES ±.005 FINISH		PRODUCT SPEC APPLICATION SPEC WEIGHT	CAGE CODE 00779	
MATERIAL		Customer Accessible Production Drawing	SCALE 1:2	
			SHEET 4	
			OF 4	
			REV D	